



Iowa's Health Alert Network
Brought to you by the Iowa Department of Public Health



Iowa Health Alert Network and Communications System

Tom Boeckmann
Health Alert Network Chief



Purpose

- ◆ To provide a robust, redundant, interoperable communications and alerting system for Iowa's local public health agencies, hospitals, laboratories, emergency management agencies, community health centers, and state partners.



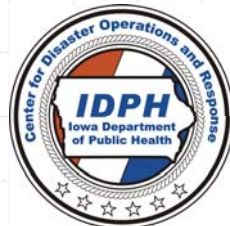
Pre – 9/11/01

- ◆ Method of Communications was by individual phone calls, individual fax messages, and email.
- ◆ Public Web Site
- ◆ Iowa Communication Network



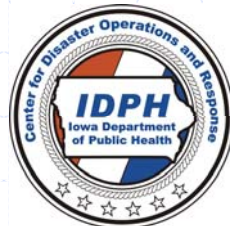
9/11/01 – 12/31/01

- ◆ Pagers purchased for all 120 hospitals and 99 local public health agencies
- ◆ Agreement with DPS for IOWA system
- ◆ Purchased portable radios for local use
- ◆ Amateur Radio Agreements



2002

- ◆ Increased number of seats at SEOC
- ◆ Developed Emergency Coordination Center
- ◆ EM2000 / WebEOC
- ◆ Planning Committee established for health/medical emergency communications (HAN Committee)
 - Representatives from LPHA, hospitals, laboratories, military, EMS, HLSEM, DPS, and other state agencies



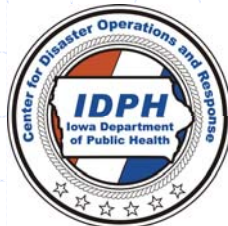
HAN Committee Recommendations

- ◆ Acquire a robust, redundant alerting system using phone, email, pagers, fax
- ◆ Assure that all hospitals and LPHAs have high-speed internet availability
- ◆ Provide a collaboration tool for document sharing
- ◆ Establish a radio network for redundant communications



The Results

- ◆ Funding for high-speed internet
 - LPHA in 2003 and Hospitals in 2005
- ◆ BTRS FROM Virtual Alert, Inc.
- ◆ *RACOM* EDACS radio system





◆ Functions

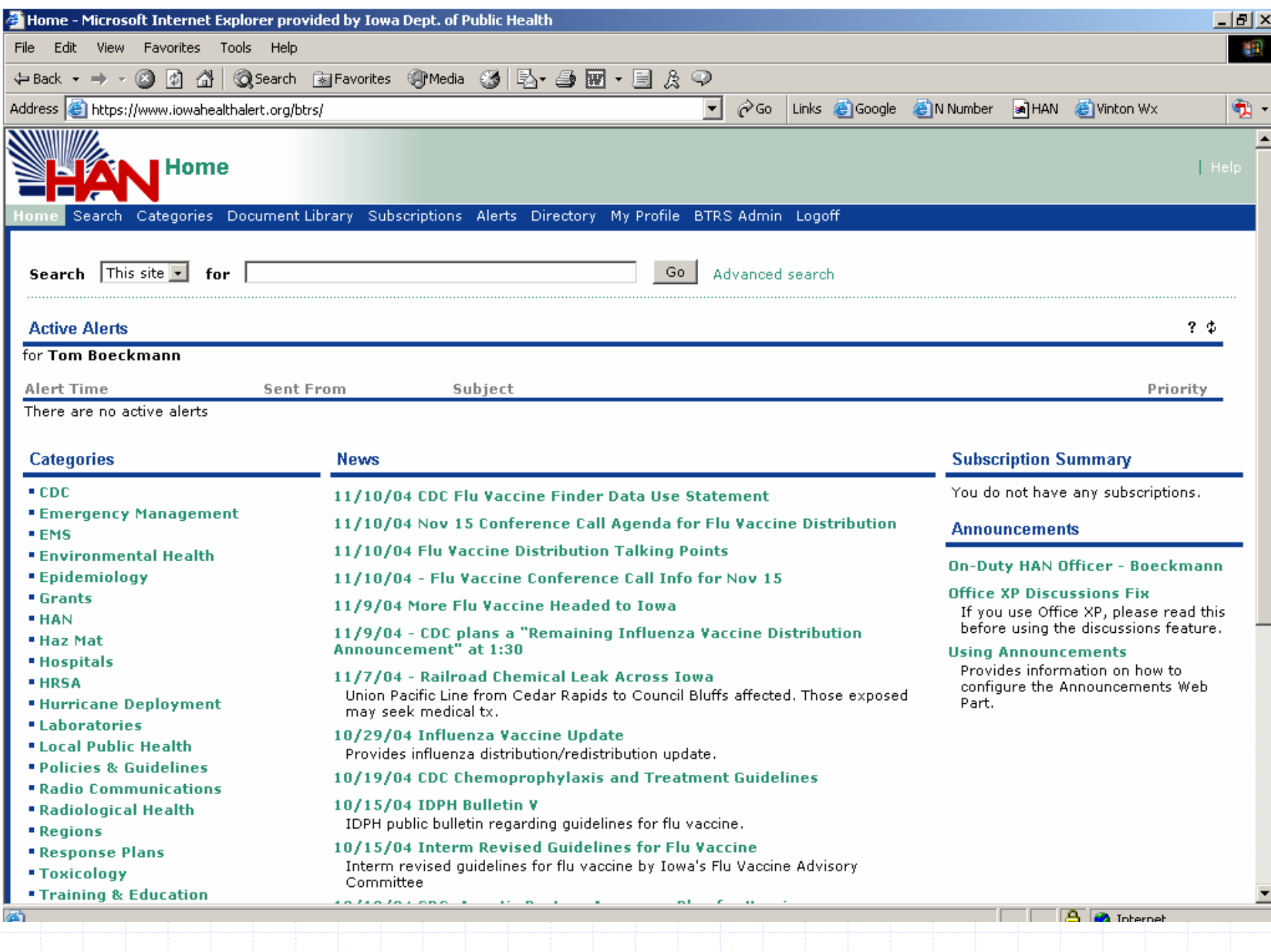
- Alerting by phone, email, pager, fax
- Public Health Directory
- Blast Fax Capabilities
- Collaboration Features
- Library Features
- Full Internet Accessibility

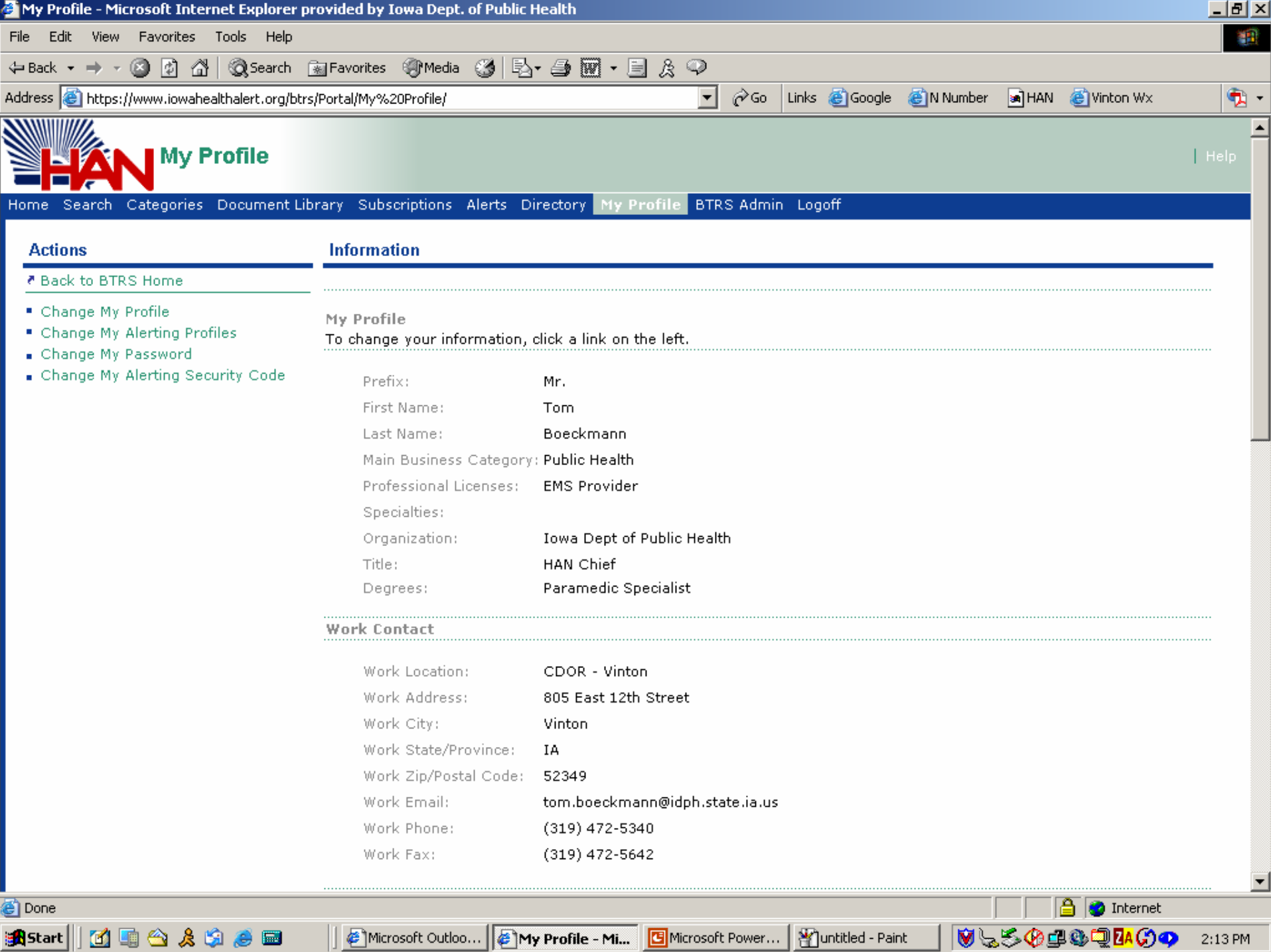




- ◆ Two systems at separate locations
- ◆ 4 T-1 lines at each location
 - 96 phone lines
- ◆ Back-up generator at each location
- ◆ Hospital ER Staff Role
- ◆ 24/7 on-call HAN Officer and IT Officer







Actions

- [Back to BTRS Home](#)
- [Change My Profile](#)
- [Change My Alerting Profiles](#)
- [Change My Password](#)
- [Change My Alerting Security Code](#)

Information

My Profile

To change your information, click a link on the left.

Prefix: Mr.

First Name: Tom

Last Name: Boeckmann

Main Business Category: Public Health

Professional Licenses: EMS Provider

Specialties:

Organization: Iowa Dept of Public Health

Title: HAN Chief

Degrees: Paramedic Specialist

Work Contact

Work Location: CDOR - Vinton

Work Address: 805 East 12th Street

Work City: Vinton

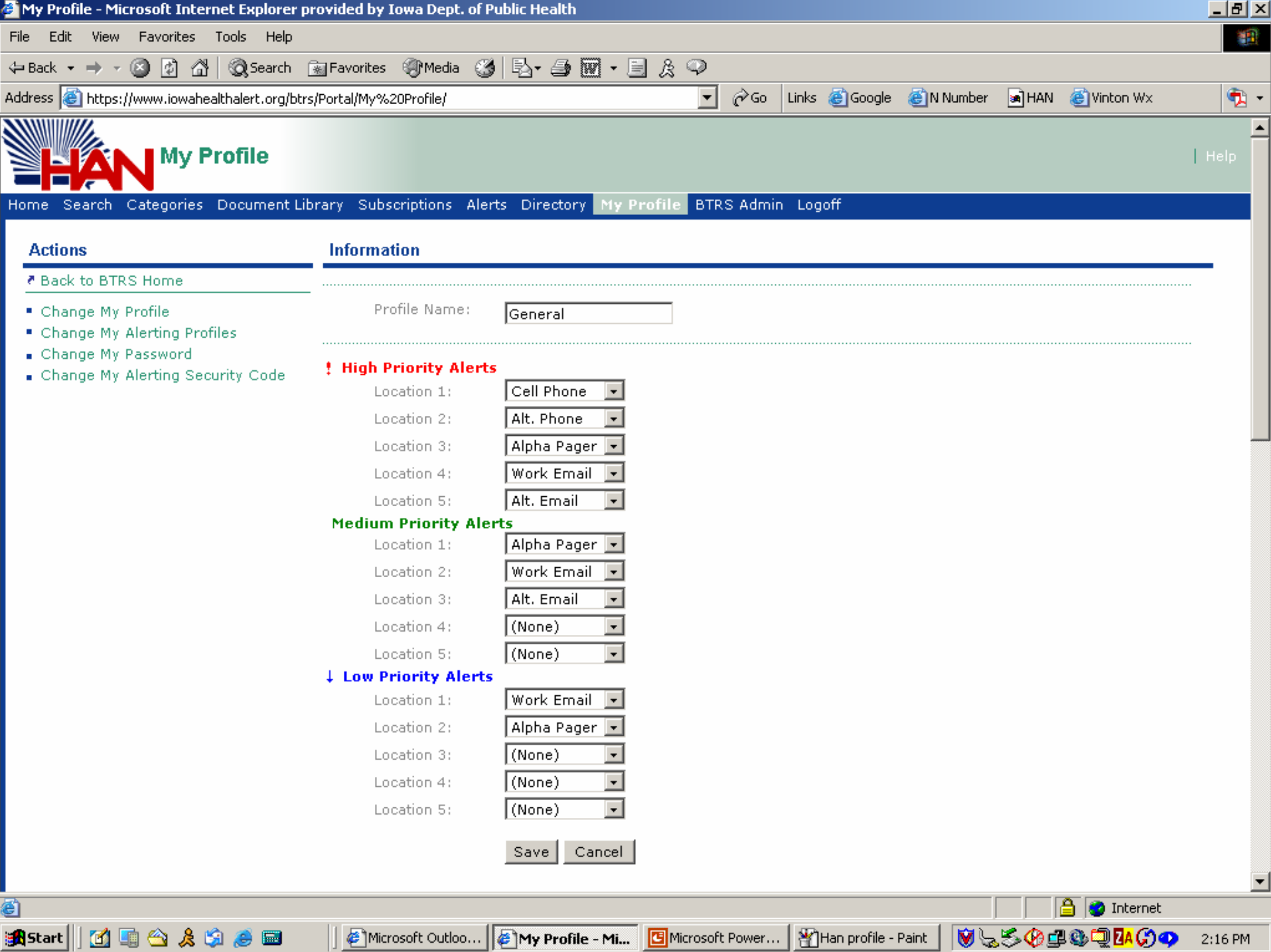
Work State/Province: IA

Work Zip/Postal Code: 52349

Work Email: tom.boeckmann@idph.state.ia.us

Work Phone: (319) 472-5340

Work Fax: (319) 472-5642



Actions

- [Back to BTRS Home](#)
- [Change My Profile](#)
- [Change My Alerting Profiles](#)
- [Change My Password](#)
- [Change My Alerting Security Code](#)

Information

Profile Name:

! High Priority Alerts

- Location 1:
- Location 2:
- Location 3:
- Location 4:
- Location 5:

Medium Priority Alerts

- Location 1:
- Location 2:
- Location 3:
- Location 4:
- Location 5:

↓ Low Priority Alerts

- Location 1:
- Location 2:
- Location 3:
- Location 4:
- Location 5:

**Actions**[Back to previous view](#)[Manually Refresh Status](#)**Alert Details****CDC to announce Flu Vaccine Distribution Plan at 1:30**

Medium Priority

Time Sent: 11/9/2004 12:30:05 PM**From:** Tom Boeckmann

Message: Medium Level Health Alert - CDC plans to announce flu vaccine distribution plan at 1:30 CST today. More information on the HAN website under "News". Additional information may be posted under "News" as information is received from CDC. Please check the HAN website frequently for updated information. For technical assistance, email HANOfficer@iowahealthalert.org.

Expires: 11/10/2004 12:30:05 PM**Status:** Complete**Confirmed:** 56% (248/445)[View Roles Notified](#)**Users Confirmed:** (248)

Contact	Type	Location	Status	Reason
▪ Debrah Chensvold	Email	dchensvo@palmerlutheran.org	Confirmed	Message Received.
	Phone	(563) 422-9718	Attempted	Invalid Alerting Security Code E
▪ Dennis Bachman	Phone	(641) 754-6101	Attempted	No Answer or No Digits Entered
	Email	dbachman@marshmed.com	Attempted	Waiting for confirmation
	Phone	(641) 750-7971	Confirmed	Message Received (3 tries)
	Email	dennis@mtnia.com	Confirmed	Message Received.
▪ Denyse Gipple	Phone	(641) 660-2746	Confirmed	Message Received
	Email	denyse@summahealth.com	Attempted	Waiting for confirmation



Role Directory

Deployment

State

Iowa

All Counties

6 Regions

Adair Co 1

Adams Co 2

Allamakee Co 3

Appanoose Co 4

Audubon Co 5

Benton Co 6

Black Hawk Co 7

ALL BLACK HAWK CO

Black Hawk Co Community Health

Black Hawk Co Emergency Services

Black Hawk Co Environmental Health

Black Hawk Co Epidemiology

Black Hawk Co Hazardous Waste

Black Hawk Co Hospital Infection Control

Black Hawk Co Hospital Laboratory

Black Hawk Co Infectious Disease

Black Hawk Co Laboratory

Black Hawk Co Public Health

Black Hawk Co Public Health

Boone Co 8

Bremer Co 9

Buchanan Co 10

Buena Vista Co 11

Butler Co 12

Calhoun Co 13

Carroll Co 14

Cass Co 15

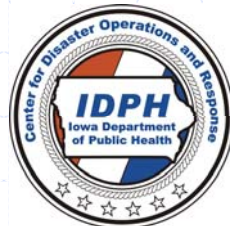
(5 Users returned)

* denotes alertable roles.

Name	Title	Organization	Bus.Category	Languages Spoken	Roles	Contact Information
Rhonda Bottke	Child & Adolescent Division Manager	Black Hawk County Health Department	Public Health	English	Black Hawk Co PH Agency*, Black Hawk Co PH County Administrator*, Region 6 PH County Administrators*, Region 6 PH Agencies*, Region 6 Epidemiologists*, Region 6 Environmental Health*, ALL REGION 6 ROLES*, Black Hawk Co Epidemiologist*, Black Hawk Co Environmental Health*, ALL BLACK HAWK CO ROLES*	Email Address: rbottke@co.blac Work Phone: (319) 291-2413 Cell Phone: (319) 415-8901 Fax: (319) 291-2529 Alt. Email: rbottke@cfu.net
Mark Linda	Environmental Health Manager	Black Hawk County Health Department	Utilities	English	Black Hawk Co PH Agency*, Black Hawk Co PH County Administrator*, Region 6 PH County Administrators*, Region 6 PH Agencies*, Region 6 Epidemiologists*	Email Address: mlinda@co.blac Work Phone: (319) 291-2413 Cell Phone: (319) 415-8923 Fax: (319) 291-2529

IOWA HAN USERS

- ◆ Local Public Health Agencies
- ◆ Public Health Nurses
- ◆ Hospital Administrators
- ◆ Emergency Depts
- ◆ Community Health Centers
- ◆ Laboratories
- ◆ Environmental Health
- ◆ ICPs
- ◆ Poison Center
- ◆ Planners
- ◆ Medical Examiner
- ◆ County EMA Offices
- ◆ County Extension Offices
- ◆ State Communications Ctrs
- ◆ State Agencies
 - IDPH
 - DIA, DNR, DOT, DPS
 - DHS, CST, Nat'l Guard
 - Regents, IDALS, HLSEM
- ◆ Ag Producers
- ◆ Veterinarians
- ◆ USDA Laboratories
- ◆ HazMat Teams
- ◆ *Governor's Office*



HAN Costs

◆ Administrator License

- \$380 initially / \$75 annually

◆ Collaborator License

- \$211 initially / \$36 annually

◆ Alert License

- \$81 initially / \$6 annually





Iowa Health Alert Network

<https://www.IowaHealthAlert.org>

HANOfficer@IowaHealthAlert.org

HAN Chief

Office (319) 472-5340

Pager (515) 234-6827

Cell (515) 201-8733

Fax (319) 472-5642

HAN Officer

Office (515) 281-3584

Pager (515) 234-0457

Cell (515) 419-4707

Fax (515) 281-4958

- Current on call information available on the HAN website listed above -

(FRONT SIDE)

(BACK SIDE)

User Name _____ Alert Security Code _____

Password Hint (circle one)

1. Mother's maiden name 2. First pet's name 3. Childhood street address

Important Phone Numbers

County Sheriff _____

County EMA _____

Regional Epidemiologist _____

IDPH Disease Reporting 1-800-362-2736

IDPH Duty Officer 1-866-834-9671

Iowa Poison Center 1-800-222-1222

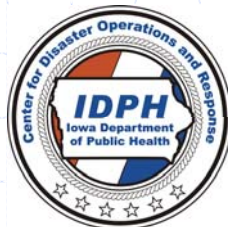
UHL Duty Officer (319) 530-5981





RACOM

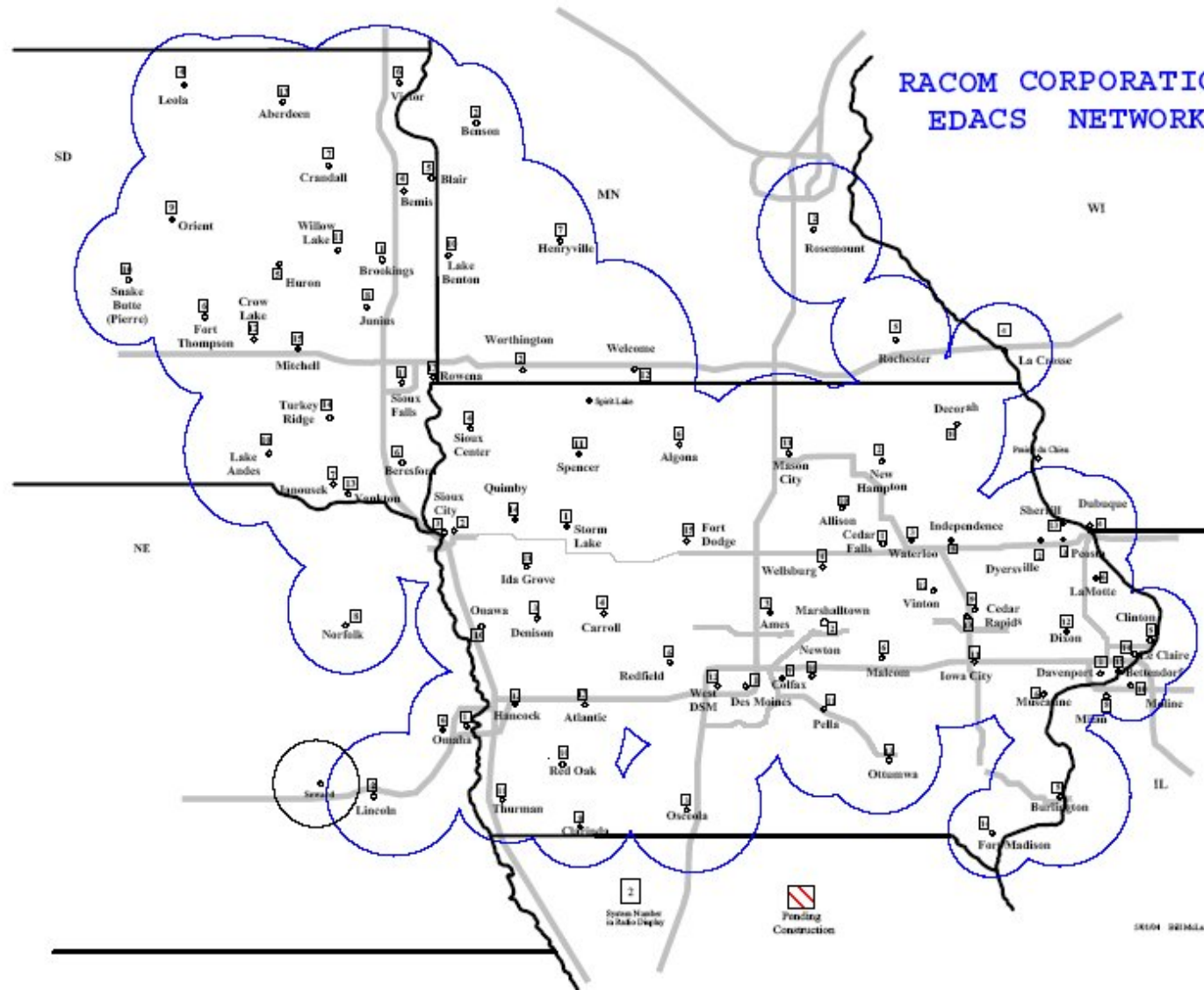
Critical Communications



- ◆ Radios installed in each of Iowa's 120 hospitals, 99 local public health agencies, IDPH, poison center, state laboratory, SEOC, DMAT teams
- ◆ Radios issued to state veterinarians & key IDPH staff



RACOM CORPORATION EDACS NETWORK



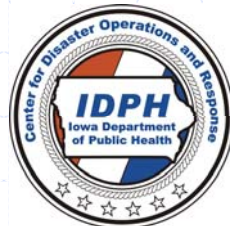
High Frequency Radio

◆ Harris RF-590



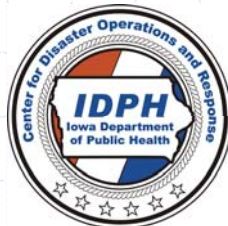
Training Issues

- ◆ Four weeks of 8 hour training sessions at 20 locations across the state
- ◆ Monthly regional meetings with training
- ◆ Individual training as needed
- ◆ On-line Tutorial
- ◆ 24/7 Helpdesk (me!)



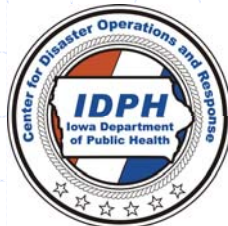
Obtaining Buy-In

- ◆ System was developed by users
- ◆ Users shown benefits
- ◆ Performance Measure for CDC & HRSA
 - Focus Areas “B” and “E” 2 times / year
- ◆ Safety Issues
 - Amber Alerts
 - Crime Information



Looking to the Future

- ◆ Completed survey of hospital VHF radios
 - Upgrade of hospital and EMS radios
- ◆ Interoperability plan sent to Governor
 - Portable interoperability kits
- ◆ Voice over Internet (VoIP)
 - EDACS Auto-Broadcast
- ◆ Satellite Phones



For more information

Tom Boeckmann, HAN Chief
Iowa Dept of Public Health
319.472.5340

Tom.Boeckmann@idph.state.ia.us

